



*[Handwritten signature]* ZPW

3517-45

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kuno et al

Examiner: D.Q. Tran

Serial No.: 09/384,532

Art Unit: 2624

Filed: August 27, 1999

Customer No.: 29540

For: **PRINT SYSTEM CAPABLE OF NOTIFYING USER OF REQUIRED  
INK AMOUNT**

**PETITION TO WITHDRAWAL A HOLDING OF ABANDONMENT BASED ON FAILURE  
TO RECEIVE OFFICE ACTION**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

Applicants file this petition to have the holding of abandonment of October 6, 2006 withdrawn for the above application for the reason of not receiving the Office Action, "Notice of Non-compliant Amendment", of March 1, 2004. Applicants also respectfully request the entry of the amendment and RCE filed on February 4, 2004 and our subsequent amendment filed on February 10, 2006 in response to the notice of non-compliant amendment of March 1, 2004.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450 on December 7, 2006

Ronald E. Brown

Attorney

*[Handwritten signature of Ronald E. Brown]*  
Signature

December 7, 2006

Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 099998.000069

### **REMARKS**

Applicants respectfully request that the notice of abandonment issued on October 6, 2006 be withdrawn. Applicants also respectfully request the entry of the amendment and RCE filed on February 4, 2004 (a copy enclosed as **Exhibit A**) and our subsequent amendment filed on February 10, 2006 (a copy enclosed as **Exhibit B**) in response to the Notice of Non-compliant Amendment of March 1, 2004.

As itemized under 711.03(c) under section titled, "I. PETITION TO WITHDRAW HOLDING OF AMANDONMENT", subsection "A. Petiton To Withdraw Holding of Abandonment Based on Failure To Receive Office Action", the following documents are also enclosed to establish the non-receipt of the Office Action:

- 1) A statement of Ronald E. Brown, Registration No. 32,200 attesting to the fact that a search of the file jacket and docket records indicates that the Office Communication was not received. (**Exhibit C**)
- 2) A copy of the docket record where the non-received Office communication would have been entered had it been received and docketed. (**Exhibit D**)

The applicant also respectfully brings to the attention of the Examiner that prior to receiving the Notice of Abandonment, Applicants learned of this application's probable abandonment on the basis of telephone conversations with Examiner Douglas Q. Tran (571) 272-7442 and David Moore (571) 272-7437 of the United States Patent and Trademark Office ("PTO") on January 31, 2006.

After the telephone conversation with Examiner Tran and Examiner Moore, Applicant promptly submitted the attached amendment enclosed herewith as **Exhibit B** on February 10, 2006. The remarks section of the amendment included a detailed timeline of

submissions and copies of the submissions as attachments, including several address change requests, which were all timely filed.

Also please note that the copy of the Notice of Non-compliant Amendment of March 1, 2004 obtained through PAIR indicates that the communication was addressed to Pitney, Hardin, Kipp & Szuch LLP, 605 Third Avenue, New York, NY 10017. (**Exhibit E**) On November 18, 2003 and March 3, 2003, we filed an application for Change of Correspondence Address, indicating that our new address at that time was 685 Third Avenue. This fact further supports that the communication was not received by us. The communication was not received by us because it was sent to the wrong address.

Applicants also enclose a copy of the postcard with a stamp date as **Exhibit F** which shows that the amendment of February 10, 2006 attached as Exhibit B was filed and received by the U.S. Patent and Trademark office.

Applicants respectfully request that the notice of abandonment to be withdrawn and to open the application for continued prosecution.

Applicants do not believe that any fees are due. However, if any fees are due, please charge such sums to our Deposit Account: 50-1145.

Respectfully submitted,



Ronald E. Brown  
Registration No. 32,200

(212) 297-5800  
Pitney Hardin LLP  
7 Times Square  
New York, NY 10036-7311

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

Address to:  
Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	09/384,532
Filing Date	August 27, 1999
First Named Inventor	Kuno et al.
Art Unit	2624
Examiner Name	D.Q. Tran
Attorney Docket Number	3517-45

**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.**

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

## 1. Submission required under 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered

and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such

a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_

ii. ☐ Other \_\_\_\_\_

b. ☒ Enclosed

i. ☒ Amendment/Reply

iii. ☐ Information Disclosure Statement (IDS)

ii. ☐ Affidavit(s)/Declaration(s)

iv. ☐ Other \_\_\_\_\_

## 2. Miscellaneous

a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

b. ☐ Other \_\_\_\_\_

## 3. Fees

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. \_\_\_\_\_

i. ☒ RCE fee required under 37 CFR 1.17(e)

ii. ☒ Extension of time fee (37 CFR 1.136 and 1.17)

iii. ☐ Other \_\_\_\_\_

b. ☒ Check in the amount of \$ **880.00** enclosed

c. ☐ Payment by credit card (Form PTO-2038 enclosed)

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print / Type)

Ronald E. Brown

Registration No. (Attorney / Agent)

32,200

Signature

*Ronald E. Brown*

Date

February 6, 2004

## CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Name (Print / Type)

Ronald E. Brown

Signature

*Ronald E. Brown*

Date

February 6, 2004

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kuno et al.  
Serial No.: 09/384,532 Art Unit: 2624  
Filed: August 27, 1999 Examiner: D.Q. Tran  
For: PRINT SYSTEM CAPABLE OF NOTIFYING USER OF REQUIRED  
INK AMOUNT

**EXTENSION REQUEST**

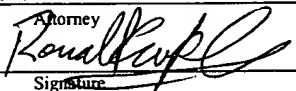
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

Applicant respectfully requests a one-month extension of time to respond to the Office Action of May 19, 2003 and Notice of Appeal filed November 18, 2003, thereby resetting the response date to February 18, 2004. The extension fee is enclosed. The Commissioner is authorized to charge any deficiencies or credit any overpayments to Deposit Account No. 50-1145, Order No. 3517-45.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450 on February 6, 2004

Ronald E. Brown


Attorney  
  
Signature

February 6, 2004

Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 4295-6.

Respectfully submitted,

  
Ronald E. Brown  
Registration No. 32,200

Pitney, Hardin, Kipp & Szuch LLP  
685 Third Avenue  
New York, New York 10017  
212-297-5800

3517-45

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kuno et al.

Serial No.: 09/384,532

Art Unit: 2624

Filed: August 27, 1999

Examiner: D.Q. Tran

For: **PRINT SYSTEM CAPABLE OF NOTIFYING USER OF REQUIRED INK AMOUNT**

685 Third Avenue  
New York, New York 10017-4024  
212-297-5800

**AMENDMENT FILED WITH RCE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of May 19, 2003 and further to the Notice of Appeal filed November 18, 2003 (postcard date stamped November 20, 2003), kindly amend the above-captioned application as follows:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 6, 2004

Ronald E. Brown

Attorney

  
Signature

February 6, 2004

Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 3517-45.

In the Drawings:

Please amend Figure 3 as shown in red in the attached copy thereof. No new matter has been added.

Amendments to the Claims:

This listing will replace all prior versions, and listings, of the claims in the application.

Listing of Claims:

1. (Currently Amended) A print system comprising:
  - a terminal that generates image data;
  - at least one printer that performs print operations for forming an image on a recording medium using an ink based on print data; and
  - a printer controller that is connected between the terminal and the printer and converts the image data into the print data;wherein the printer controller comprises:
  - predicting means for predicting a required ink amount indicating an amount of ink required for the printer to perform the print operations based on the print data;
  - a memory that stores required ink amount data indicating the required ink amount; and
  - transmitting means for transmitting a request signal to the printer, the request signal requesting the printer to transmit remaining ink amount data indicating a remaining ink amount which indicates an amount of ink remaining in the printer;the printer comprises:
  - managing means for managing the remaining ink amount data; and
  - transmitting means for transmitting the ink amount data in response to the request signal;



and

at least one of the terminal and the printer controller comprises:

receiving means for receiving the remaining ink amount data from the transmitting means of the printer;

retrieving means for retrieving the required ink amount data stored in the memory;

determination means for determining based on the remaining ink amount data and the required ink amount data, whether or not the remaining ink amount is sufficient to complete the print operations, based on the print data, before the print operations are started; [[and]]

notifying means for notifying a user of a determination result determined by the determination means, the notifying means notifying the user before the print operations are started and

data-transmitting means for transmitting the print data to the printer only if the determining means has determined that the remaining ink amount is sufficient to complete the print operations based on the print data, wherein the printer performs the print operations based on the print data transmitted from the data-transmitting means.

2. (original) The print system according to claim 1, wherein the determination means further determines how much ink is short when the remaining ink amount is determined to be not sufficient, and the notifying means notifies the user of how much ink is short.

3. (original) The print system according to claim 1, wherein the transmitting means of the printer controller repeatedly transmits the request signal at a predetermined interval.

4. (original) The print system according to claim 1, wherein the printer controller further comprises preview data generating means for generating preview data based on the image data, the preview data being generated by reducing a size of the image data, and the predicting means predicts the required ink amount based on the preview data.

5. (original) The print system according to claim 4, wherein the predicting means comprises:

average tone calculation means for calculating an average tone of pixels making up a preview image, the preview image being formed based on the preview data;

average density calculation means for calculating an average density of the image to be formed based on the average tone; and

ink amount calculation means for calculating, as the required ink amount, an ink amount for forming the image with the average density at an actual size.

6. (original) The print system according to claim 1, wherein at least one of the terminal and the printer controller further comprises an another memory that stores the remaining ink amount data, and another determination means for determining whether or not ink needs to be replenished to the printer based on the remaining ink amount data stored in the memory; and the notifying means further notifies the user that the ink needs to be replenished when the another determination means determines that the ink needs to be replenished.

7. (original) The print system according to claim 6, wherein the notifying means comprises a display that notifies the user of the remaining ink amount by displaying at least one of a normal sized graph and a magnified sized graph, the display displaying the magnified sized graph when instructed by a user or when the another determination means determines that the ink needs to be replenished.

8. (original) The print system according to claim 6, further comprising a plurality of printers,

wherein the memory stores the remaining ink amount data received from the transmitting means of each of the plurality of printers;

at least one of the terminal and the printer controller further comprises data editing means for editing the remaining ink amount data received from the transmitting means of each of the plurality of printers into single data; and

the notifying means notifies the user of the remaining ink amount of each of the plurality of printers in a form that enables the user to compare the remaining ink amount of each of the plurality of printers.

9. (original) The print system according to claim 8, wherein the printer controller further includes condition detecting means for detecting a condition of the printers;

the managing means further manages condition data indicating the condition of the printers;

the notifying means notifies the user of the remaining ink amount and the condition of the printers based on the remaining ink amount data and the condition data in a form that enables the

user to compare the remaining ink amount and the condition of the plurality of printers.

10. (original) The print system according to claim 9, wherein the printer controller further comprises printer selecting means for selecting, based on at least one of the remaining ink amount data and the condition data, one of the plurality of printers which performs the print operations.

11. (original) The print system according to claim 1, wherein  
the printer performs the print operations using a plurality of different colors of ink;  
the predicting means predicts the required ink amount for each of the different colors;  
the managing means manages the remaining ink amount data indicating the remaining ink amount for each of the different colors; and  
the determination means determines whether or not the remaining ink amount is sufficient for each of the different colors.

12. (original) The print system according to claim 11, wherein the notifying means comprises a display that displays graphs, and the notifying means further notifies the user of the remaining ink amount and required ink amount of each of different colors by displaying the graphs each indicating the remaining ink amount and required ink amount of corresponding one of the different colors.

13. (Currently Amended) A printer controller connected between a terminal and a printer, the terminal generating image data, the printer performing print operations for forming an image on a recording medium based on print data, the printer transmitting remaining ink amount data indicating an amount of ink remaining in the printer in response to a request signal from external devices, the printer controller comprising:

converting means for converting the image data into the print data;

predicting means for predicting, based on the image data, a required ink amount indicating an ink amount required by the printer for performing the print operations based on the print data;

transmitting means for transmitting the request signal to the printer;

receiving means for receiving the remaining ink amount data from the printer;

determination means for determining, before the print operations start, whether the remaining ink amount is sufficient for the printer to complete the print operations, based on the print data; and

notifying means for notifying a user of determination results determined by the determination means before a printing operation based on the print data is started at the printer,

wherein

the transmitting means further transmits the print data to the printer only if the determination means has determined that the remaining ink amount is sufficient.

14. (Currently Amended) A printer controller connected between a terminal and a printer, the terminal generating image data, the printer performing print operations for forming an image on a recording medium based on print data, the printer transmitting remaining ink amount data indicating an amount of ink remaining in the printer in response to a request signal from external devices, the printer controller comprising:

converting means for converting the image data into the print data;

predicting means for predicting, based on the image data, a required ink amount indicating an ink amount required by the printer for performing the print operations based on the print data;

first transmitting means for transmitting the request signal to the printer;

receiving means for receiving the remaining ink amount data from the printer;

determination means for determining, before the print operations start, whether the remaining ink amount is sufficient for the printer to complete the print operations based on the print data; and

second transmitting means for transmitting required ink amount data indicating the required ink amount and the remaining ink amount data to the terminal, wherein

the first transmitting means further transmits the print data to the printer only if the determination means has determined that the remaining ink amount is sufficient.

15. (Previously Presented) A predicting method for predicting a required ink amount required by a printer for performing print operations, the predicting method comprising the steps of:

generating preview data based on image data, by reducing the size of the image data;  
determining an average tone of pixels of a preview image, the preview image being formed based on the preview data;  
based on the average tone, calculating an average density of a print image to be printed;  
and  
detecting an ink amount required for printing an entire print region with the average density at an actual size.

16. (Currently Amended) A notifying method of notifying a user of an ink amount, the notifying method comprising the steps of:

(a) converting image data into print data;  
(b) predicting a required ink amount indicating an ink amount required by a printer for performing print operations, the print operations being performed for forming a print image on recording medium based on the print data;  
(c) detecting a remaining ink amount indicating an ink amount remaining in the printer;  
(d) comparing the required ink amount with the remaining ink amount;  
(e) determining whether or not the remaining ink amount is sufficient for the printer to complete the print operations based on the print data; [[and]]  
(f) notifying a user of a determining result of the step (e), before the printer starts

performing the print operations based on the print data; and

(g) performing the printing operations to form the print image based on the print data  
if it is determined in step (e) that the remaining ink amount is sufficient.



## REMARKS

This amendment is in response to the Office Action of May 19, 2003 and is being filed with an RCE application.

A proposed change to Figure 3 is shown in red herein. It is respectfully submitted that this change is supported by page 15, line 13 of the specification. It is respectfully submitted that no new matter is added.

The Office action rejected Claims 16, 18 and 20-22 under 35 U.S.C. §102(e) as anticipated by the Samuels reference. Similarly, the Office Action rejected Claims 17, 19 and 23 under 35 U.S.C. §103(a) as obvious over the Samuels reference in combination with the Garr reference; rejected Claims 13 and 14 under 35 U.S.C. §103(a) as obvious over the combination of the Samuels and Awa references; rejected Claim 15 as obvious over the combination of the Samuels and Garr references; rejected Claims 1, 3 and 6 under 35 U.S.C. §103(a) as obvious over the combination of the Samuels and Yano and/or Owa references; rejected Claims 2, 4, 5 and 7-10 under 35 U.S.C. §103(a) as obvious over the Samuels, Yano and/or Owa references in combination with the Garr reference; and rejected Claims 11-12 under 35 U.S.C. §103(a) as obvious over the Samuels, Yano and/or Owa, in combination with the Brown, Jr. reference.

In response to these prior art rejections, Claim 1 has been amended to further recite:

data-transmitting means for transmitting the print data to the printer only if the determining means has determined that the remaining ink amount is sufficient to complete the print operations based on the print data, wherein the printer performs the print operations based on the print data transmitted from the data-transmitting means

Similar amendments have been made to Claims 13, 14 and 16.

Early examination and allowance are respectfully requested.

Respectfully submitted,

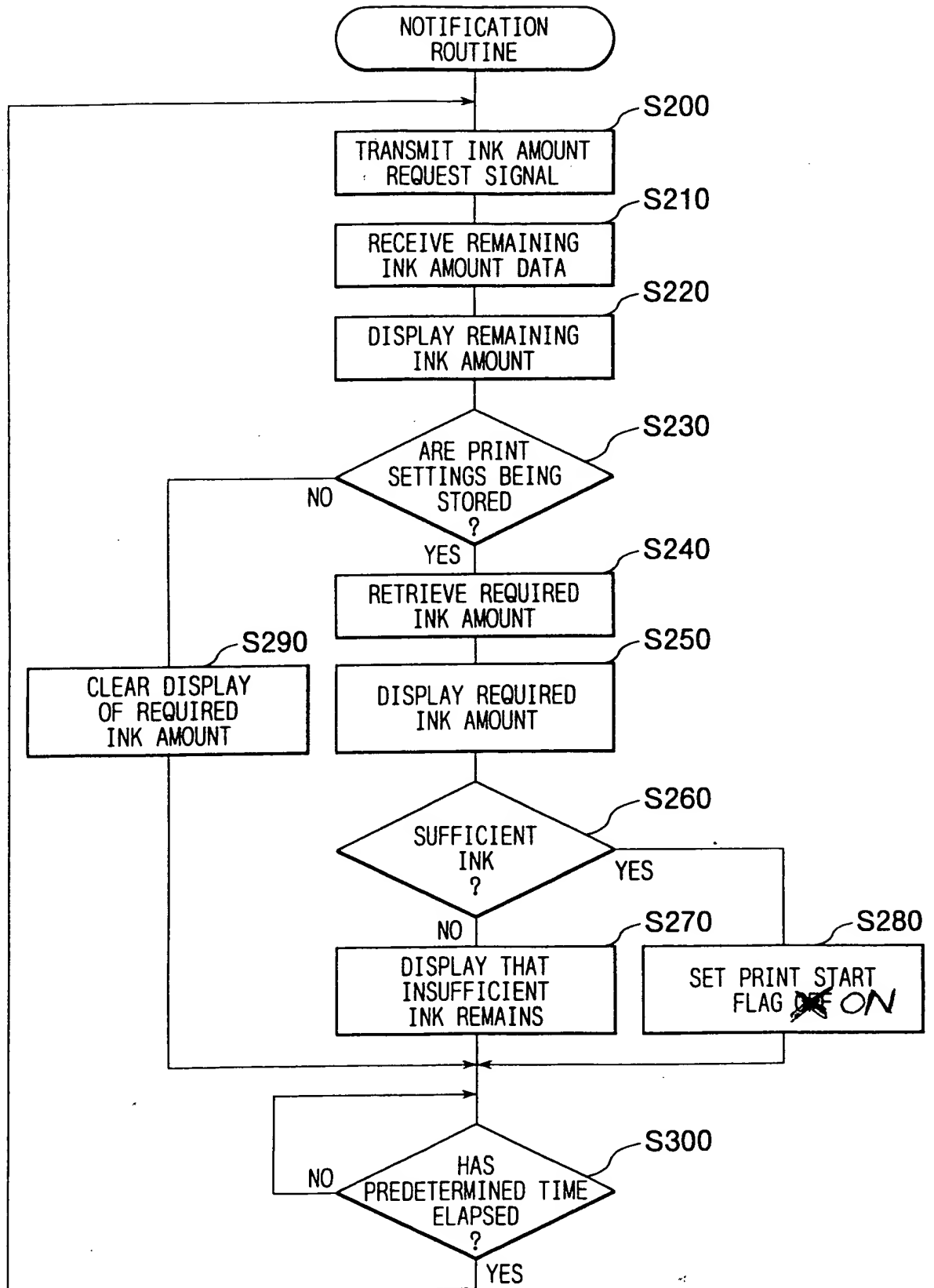
A handwritten signature in black ink, appearing to read "Gerald Levy", with a stylized flourish at the end.

Gerald Levy  
Registration No. 24,419

Ronald E. Brown  
Registration No. 32,200

Pitney, Hardin, Kipp & Szuch, L.L.P.  
685 Third Avenue  
New York, New York 10017  
212-297-5800

FIG. 3



(503517-084886)

File No. 3517-45

Atty. REB

Postcard No. 393

Ser./Reg./Pat. No. 09/384,532

Due Date \_\_\_\_\_

The mail room date stamp acknowledges receipt on the date indicated of:

☐ Application

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☐ Brief

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(503517-084886)

File No. 3517-45

Atty. REB

Postcard No. 393

Ser./Reg./Pat. No. 09/384,532

Due Date \_\_\_\_\_

The mail room date stamp acknowledges receipt on the date indicated of:

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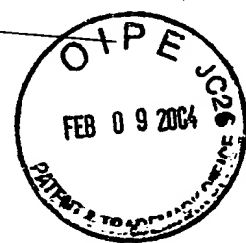
☒ Check for \$ 880.00

☐ Issue Fee Transmittal

☐ Small Entity

☐ Statement of Use

☒ RCE Transmittal  
Corrected Drawing (i)



NO 152814

55-760 (006)  
312

PITNEY, HARDIN, KIPP & SZUCH LLP  
P.O. BOX 1945  
MORRISTOWN, NEW JERSEY 07962-1945

PNC Bank, N.A.  
NEW JERSEY 060  
161 MADISON AVENUE, MORRISTOWN, NJ 07960

PAY Eight Hundred Eighty Dollars and Zero Cents

TO Commissioner For Patents

PITNEY, HARDIN, KIPP & SZUCH LLP  
P.O. BOX 1945  
MORRISTOWN, NEW JERSEY 07962-1945

PLEASE DETACH  
BEFORE  
DEPOSITING

DATE	AMOUNT
2/6/04	\$880.00

1 SZUCH LLP

NO 152814

AUTHORIZED SIGNATURE

503517.084886

RCE and extension

\$880.00

2/6/04

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kuno et al.

Serial No.: 09/384,532

Art Unit: 2624

Filed: August 27, 1999

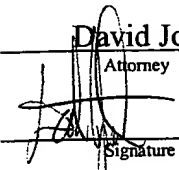
Examiner: D.Q. Tran

For: **PRINT SYSTEM CAPABLE OF NOTIFYING USER OF REQUIRED INK  
AMOUNT**7 Times Square  
New York, NY 10036-7311  
(212) 297-5800**AMENDMENT**Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice of March 1, 2004 and further to the Office Action of May 19, 2003, kindly amend the above-captioned application as follows.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 10, 2006

  
David Joyal

Attorney

Signature

February 10, 2006

Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145.

In the Drawings:

Please amend Figure 3 as shown in red in the attached copy thereof. No new matter has been added. Figure 3 has been labeled in the top margin as "Replacement Sheet."

Amendments to the Claims:

This listing will replace all prior versions, and listings, of the claims in the application.

Listing of Claims:

1. (Currently Amended) A print system comprising:
  - a terminal that generates image data;
  - at least one printer that performs print operations for forming an image on a recording medium using an ink based on print data; and
  - a printer controller that is connected between the terminal and the printer and converts the image data into the print data;wherein the printer controller comprises:
  - predicting means for predicting a required ink amount indicating an amount of ink required for the printer to perform the print operations based on the print data;
  - a memory that stores required ink amount data indicating the required ink amount; and
  - transmitting means for transmitting a request signal to the printer, the request signal requesting the printer to transmit remaining ink amount data indicating a remaining ink amount which indicates an amount of ink remaining in the printer;the printer comprises:
  - managing means for managing the remaining ink amount data; and
  - transmitting means for transmitting the ink amount data in response to the request signal;



and

at least one of the terminal and the printer controller comprises:

receiving means for receiving the remaining ink amount data from the transmitting means of the printer;

retrieving means for retrieving the required ink amount data stored in the memory;

determination means for determining based on the remaining ink amount data and the required ink amount data, whether or not the remaining ink amount is sufficient to complete the print operations, based on the print data, before the print operations are started; [[and]]

notifying means for notifying a user of a determination result determined by the determination means, the notifying means notifying the user before the print operations are started and

data-transmitting means for transmitting the print data to the printer only if the determining means has determined that the remaining ink amount is sufficient to complete the print operations based on the print data, wherein the printer performs the print operations based on the print data transmitted from the data-transmitting means.

2. (Original) The print system according to claim 1, wherein the determination means further determines how much ink is short when the remaining ink amount is determined to be not sufficient, and the notifying means notifies the user of how much ink is short.

3. (Original) The print system according to claim 1, wherein the transmitting means of the printer controller repeatedly transmits the request signal at a predetermined interval.

4. (Original) The print system according to claim 1, wherein the printer controller further comprises preview data generating means for generating preview data based on the image data, the preview data being generated by reducing a size of the image data, and the predicting means predicts the required ink amount based on the preview data.

5. (Original) The print system according to claim 4, wherein the predicting means comprises:

average tone calculation means for calculating an average tone of pixels making up a preview image, the preview image being formed based on the preview data;

average density calculation means for calculating an average density of the image to be formed based on the average tone; and

ink amount calculation means for calculating, as the required ink amount, an ink amount for forming the image with the average density at an actual size.

6. (Original) The print system according to claim 1, wherein at least one of the terminal and the printer controller further comprises an another memory that stores the remaining ink amount data, and another determination means for determining whether or not ink needs to be replenished to the printer based on the remaining ink amount data stored in the memory; and the notifying means further notifies the user that the ink needs to be replenished when the another determination means determines that the ink needs to be replenished.

7. (Original) The print system according to claim 6, wherein the notifying means comprises a display that notifies the user of the remaining ink amount by displaying at least one of a normal sized graph and a magnified sized graph, the display displaying the magnified sized graph when instructed by a user or when the another determination means determines that the ink needs to be replenished.

8. (Original) The print system according to claim 6, further comprising a plurality of printers,

wherein the memory stores the remaining ink amount data received from the transmitting means of each of the plurality of printers;

at least one of the terminal and the printer controller further comprises data editing means for editing the remaining ink amount data received from the transmitting means of each of the plurality of printers into single data; and

the notifying means notifies the user of the remaining ink amount of each of the plurality of printers in a form that enables the user to compare the remaining ink amount of each of the plurality of printers.

9. (Original) The print system according to claim 8, wherein the printer controller further includes condition detecting means for detecting a condition of the printers;

the managing means further manages condition data indicating the condition of the printers;

the notifying means notifies the user of the remaining ink amount and the condition of the printers based on the remaining ink amount data and the condition data in a form that enables the

user to compare the remaining ink amount and the condition of the plurality of printers.

10. (Original) The print system according to claim 9, wherein the printer controller further comprises printer selecting means for selecting, based on at least one of the remaining ink amount data and the condition data, one of the plurality of printers which performs the print operations.

11. (Original) The print system according to claim 1, wherein

- the printer performs the print operations using a plurality of different colors of ink;
- the predicting means predicts the required ink amount for each of the different colors;
- the managing means manages the remaining ink amount data indicating the remaining ink amount for each of the different colors; and
- the determination means determines whether or not the remaining ink amount is sufficient for each of the different colors.

12. (Original) The print system according to claim 11, wherein the notifying means comprises a display that displays graphs, and the notifying means further notifies the user of the remaining ink amount and required ink amount of each of different colors by displaying the graphs each indicating the remaining ink amount and required ink amount of corresponding one of the different colors.

13. (Currently Amended) A printer controller connected between a terminal and a printer, the terminal generating image data, the printer performing print operations for forming an image on a recording medium based on print data, the printer transmitting remaining ink amount data indicating an amount of ink remaining in the printer in response to a request signal from external devices, the printer controller comprising:

converting means for converting the image data into the print data;

predicting means for predicting, based on the image data, a required ink amount indicating an ink amount required by the printer for performing the print operations based on the print data;

transmitting means for transmitting the request signal to the printer;

receiving means for receiving the remaining ink amount data from the printer;

determination means for determining, before the print operations start, whether the remaining ink amount is sufficient for the printer to complete the print operations, based on the print data; and

notifying means for notifying a user of determination results determined by the determination means before a printing operation based on the print data is started at the printer, wherein the transmitting means further transmits the print data to the printer only if the determination means has determined that the remaining ink amount is sufficient.

14. (Currently Amended) A printer controller connected between a terminal and a printer, the terminal generating image data, the printer performing print operations for forming an image on a recording medium based on print data, the printer transmitting remaining ink amount data indicating an amount of ink remaining in the printer in response to a request signal from external devices, the printer controller comprising:

converting means for converting the image data into the print data;

predicting means for predicting, based on the image data, a required ink amount indicating an ink amount required by the printer for performing the print operations based on the print data;

first transmitting means for transmitting the request signal to the printer;

receiving means for receiving the remaining ink amount data from the printer;

determination means for determining, before the print operations start, whether the remaining ink amount is sufficient for the printer to complete the print operations based on the print data; and

second transmitting means for transmitting required ink amount data indicating the required ink amount and the remaining ink amount data to the terminal, wherein

the first transmitting means further transmits the print data to the printer only if the determination means has determined that the remaining ink amount is sufficient.

15. (Previously Presented) A predicting method for predicting a required ink amount required by a printer for performing print operations, the predicting method comprising the steps of:

generating preview data based on image data, by reducing the size of the image data;  
determining an average tone of pixels of a preview image, the preview image being formed based on the preview data;  
based on the average tone, calculating an average density of a print image to be printed;  
and  
detecting an ink amount required for printing an entire print region with the average density at an actual size.

16. (Currently Amended) A notifying method of notifying a user of an ink amount, the notifying method comprising the steps of:

- (a) converting image data into print data;
- (b) predicting a required ink amount indicating an ink amount required by a printer for performing print operations, the print operations being performed for forming a print image on recording medium based on the print data;
- (c) detecting a remaining ink amount indicating an ink amount remaining in the printer;
- (d) comparing the required ink amount with the remaining ink amount;
- (e) determining whether or not the remaining ink amount is sufficient for the printer to complete the print operations based on the print data; [[and]]
- (f) notifying a user of a determining result of the step (e), before the printer starts

performing the print operations based on the print data; and

(g) performing the printing operations to form the print image based on the print data if it is determined in step (e) that the remaining ink amount is sufficient.

17. (Original) The notifying method according to claim 16, further comprising the steps of (g) determining how much ink is short when it is determined in the step (e) that the remaining ink amount is not sufficient, and (h) notifying the user of how much ink is short.

18. (Original) The notifying method according to claim 16, wherein the step (d) comprises the steps of (i) generating preview data based on the image data, and (j) predicting the required ink amount based on the preview data.

19. (Original) The notifying method according to claim 18, wherein the step (j) comprises the steps of (k) displaying a preview image based on the preview data, (l) calculating an average tone of pixels of the preview image, (m) based on the average tone, calculating an average density of the print image printed by the print operations, and (n) calculating, as the required ink amount, an ink amount required for printing an entire print region with the actual density at an actual print size.

20. (Original) The notifying method of claim 16, further comprising the steps of :

(o) determining whether or not ink needs to be replenished; and (p) notifying a user that the ink needs to be replenished when it is determined in the step (o) that ink needs to be replenished.



21. (Original) The notifying method according to claim 16, wherein the step (c) comprises the steps of (q) storing initial ink amount data indicating an amount of ink remaining in the printer immediately after ink has replenished last time; (r) based on a cumulative amount of print data, detecting consumed ink amount indicating an amount of ink consumed since the ink has replenished last time; and (s) subtracting the consumed ink amount from the initial ink amount, thereby obtaining the remaining ink amount.

22. (Original) The notifying method according to claim 16, further comprising the steps of: (t) detecting a condition of the printers; and (u) notifying the user of the condition of the printers.

23. (Original) The notifying method according to claim 22, further comprising the steps of (v) based on the remaining ink amount and the condition of the print operations, automatically selecting one of a plurality of printers to which the print data is transmitted.

REMARKS

This amendment is in response to the Office Action of May 19, 2003 and the Notice of March 1, 2004, and is being filed with an RCE application.

**A. Change of Correspondence Address**

At the outset, Applicants appreciate the courtesy of the Examiner in discussing the status of the above-captioned patent application. As noted in these discussions, a Notice was mailed by the Patent Office to 605 Third Avenue, New York, NY on March 1, 2004. However, attorneys for applicant never received this Notice, as the correct address for the attorneys for applicant at that time was 685 Third Avenue, New York, NY.

Attorneys for applicant filed a Change of Correspondence Address with the above-captioned application on March 3, 2003 (received and stamped by the Office of Initial Patent Examination ("OIPE") on March 10, 2003) requesting that the correspondence address for this application be changed to 685 Third Avenue, New York, NY and further requesting that the correspondence address be changed to correspond with Customer Number 29540. Attorneys for applicant also filed a second Change of Correspondence Address on November 18, 2003 (received and stamped by OIPE on November 20, 2003) again requesting that the correspondence address for this application be changed to 685 Third Avenue, New York, NY; and a third Change of Correspondence Address on February 3, 2005 (received and stamped by OIPE on February 7, 2005) requesting that the correspondence address be changed to 7 Times Square, New York, NY 10036-7311.

It appears that no Notice of Abandonment has been filed for this application. Subsequent

to the above-referenced conversation with the Examiner, Applicants filed a fourth Change of Correspondence Address on February 1, 2006, which was received by OIPE that day. Once this fourth Change of Correspondence Address was entered, Applicant's attorneys were able to access this application on private PAIR, and realized (in conjunction with conversations with the Examiner) that the Notice of March 1, 2004 had been mailed to the wrong address notwithstanding Applicant's repeated filings of a Change of Correspondence Address prior and subsequent to March 1, 2004. Copies of each of these Change of Correspondence Address forms are attached herewith as Exhibit A.

## **II. Amendment of Drawing and Claims**

A proposed change to Figure 3 is shown in red herein. It is respectfully submitted that this change is supported by page 15, line 13 of the specification. Figure 3 has been labeled in the top margin as a "Replacement Sheet" pursuant to 37 CFR §1.121. It is respectfully submitted that no new matter is added. A copy of pages 1 to 13 of the formal drawings is attached herewith as Exhibit B.

The Office Action rejected Claims 16, 18 and 20-22 under 35 U.S.C. §102(e) as anticipated by the Samuels reference. Similarly, the Office Action rejected Claims 17, 19 and 23 under 35 U.S.C. §103(a) as obvious over the Samuels reference in combination with the Garr reference; rejected Claims 13 and 14 under 35 U.S.C. §103(a) as obvious over the combination of the Samuels and Awa references; rejected Claim 15 as obvious over the combination of the Samuels and Garr references; rejected Claims 1, 3 and 6 under 35 U.S.C. §103(a) as obvious over the combination of the Samuels and Yano and/or Owa references; rejected Claims 2, 4, 5 and 7-10 under 35 U.S.C. §103(a) as obvious over the Samuels, Yano and/or Owa references in combination with the Garr reference; and rejected Claims 11-12 under 35 U.S.C. §103(a) as

obvious over the Samuels, Yano and/or Owa, in combination with the Brown, Jr. reference.

In response to these prior art rejections, Claim 1 has been amended to further recite:

data-transmitting means for transmitting the print data to the printer only if the determining means has determined that the remaining ink amount is sufficient to complete the print operations based on the print data, wherein the printer performs the print operations based on the print data transmitted from the data-transmitting means

Similar amendments have been made to Claims 13, 14 and 16. It is respectfully submitted that no new matter has been added.

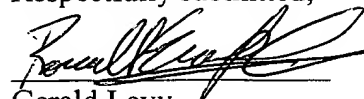
### **III. Response to Notice**

In response to the Notice of March 1, 2004, Applicants submit herewith (1) a complete set of the formal drawings, with Figure 3 labeled in the top margin as "Replacement"; and (2) a complete "Listing" of all of Claims 1-23 pending in the above-identified application. A copy of the Notice is attached herewith as Exhibit C. The new listing presents Claims 17-23 which were inadvertently omitted from the Amendment Filed with RCE filed on February 6, 2004.

In view of the above, Applicants submit that the amendment is now compliant. However, if for some reason the amendment is not considered compliant, it is respectfully requested that the undersigned attorney be contacted so that additional corrections may be entered.

Applicants do not believe any fees are due. However, if any fees are due, please charge such sums to our Deposit Account 50-1145.

Respectfully submitted,



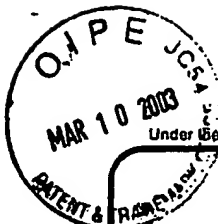
Gerald Levy  
Registration No. 24,419

Ronald E. Brown  
Registration No. 32,200

Attorneys for Applicants

Pitney Hardin L.L.P.  
7 Times Square  
New York, New York 10036-7311  
212-297-5800

Exhibit A



## CHANGE OF CORRESPONDENCE ADDRESS Application

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Application Number	09/384,532
Filing Date	8/27/99
First Named Inventor	Kuno et al.
Art Unit	2624
Examiner Name	D.Q. Tran
Attorney Docket Number	3517-45

Please change the Correspondence Address for the above-identified application to:

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Type Customer Number here

OR



<input checked="" type="checkbox"/> Firm or Individual Name	Pitney, Hardin, Kipp & Szuch LLP				
Address	685 Third Avenue				
Address					
City	New York	State	New York	ZIP	10017
Country	United States of America				
Telephone	(212)297-5800	Fax	(212)682-3485		

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Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or Agent of record.
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or Printed  
Name

Gerald Levy, Reg. No. 24,419

Signature

Date

3/3/03

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PTO/SB/122 (08-03)  
App. for use through 11/30/2005. OMB 0851-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## CHANGE OF CORRESPONDENCE ADDRESS

### Application

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	09/384,532
Filing Date	August 17, 1999
First Named Inventor	Kuno et al.
Art Unit	2624
Examiner Name	D.Q. Tran
Attorney Docket Number	3517-45

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Country	USA				
Telephone	212-297-5800	Fax	212-682-3485		

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- ☒ Attorney or Agent of record. Registration Number 32,200
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or Printed Name **Ronald E. Brown**

Signature

Date **November 18, 2003**

Telephone **212-297-5800**

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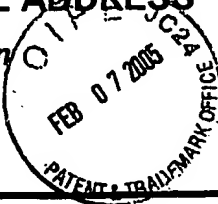


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**CHANGE OF  
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Application

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Alexandria, VA 22313-1450

Application Number	09/384,532
Filing Date	August 27, 1999
First Named Inventor	Kuno et al.
Art Unit	
Examiner Name	
Attorney Docket Number	3517-45

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Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

Attorney or Agent of record. Registration Number 32,200



Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number

Typed or Printed  
Name

Ronald E. Brown

Signature

Date

2/3/05

Telephone

212-297-5800

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Red Bank, NJ 07701  
Phone #(732) 224-1200  
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David Soyak Reg. No. 57-2738	212-297-5800

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Alexandria, VA 22313-1450

Application Number	09/384,632
Filing Date	August 27, 1999
First Named Inventor	Kuno et. al
Art Unit	2624
Examiner Name	D.Q. Tran
Attorney Docket Number	3517-45

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☐ Applicant/Inventor☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).☒ Attorney or agent of record. Registration Number 32,200☐ Registered practitioner named in the application transmittal letter in an application without an  
executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Signature

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Ronald E. Brown

Date 2/1/2006

Telephone 212-297-5800

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Exhibit B

FIG. 1

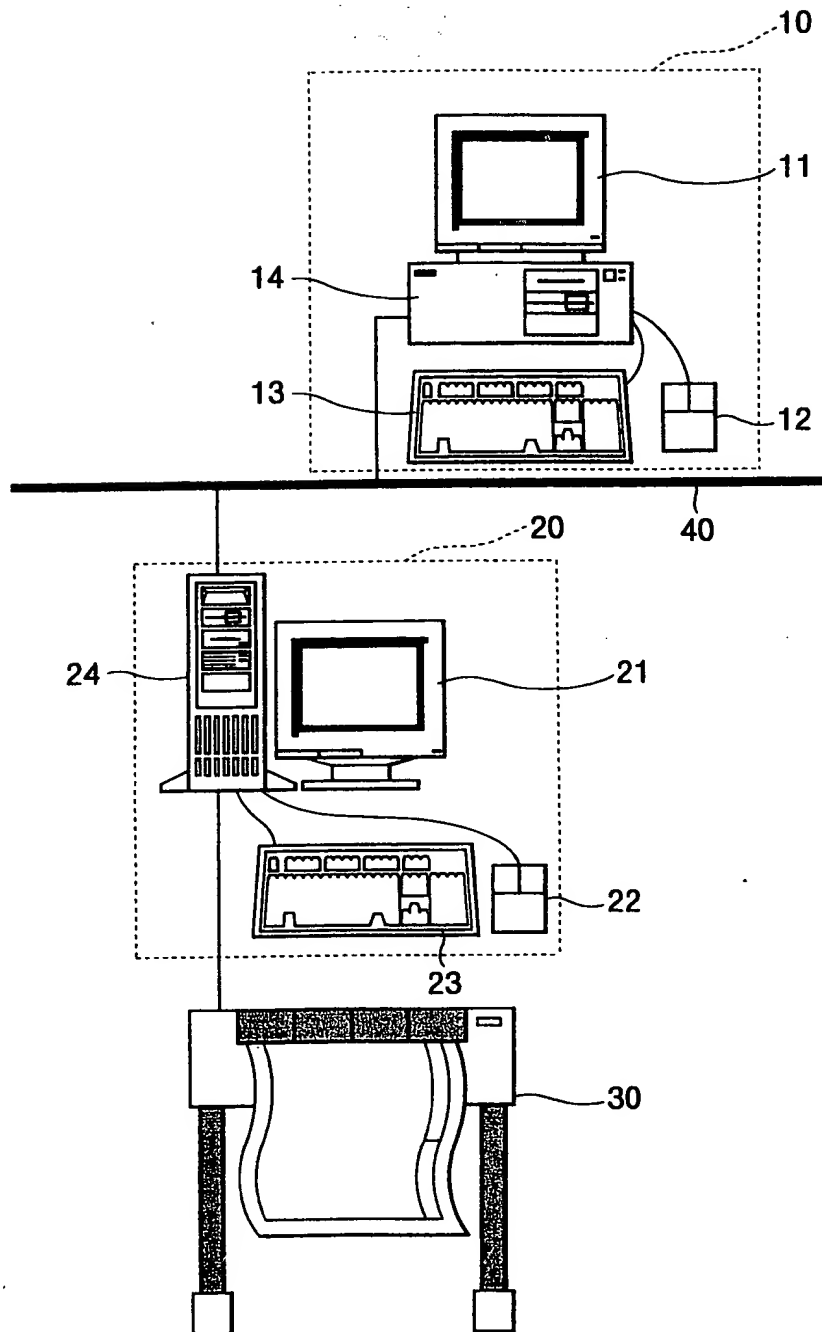


FIG. 2

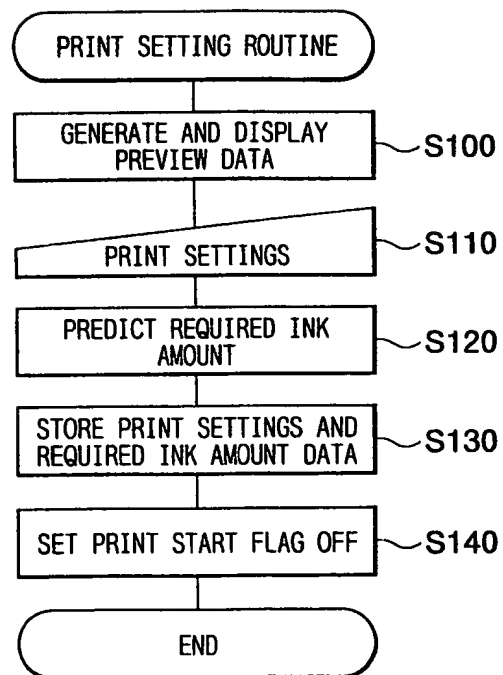


FIG. 3

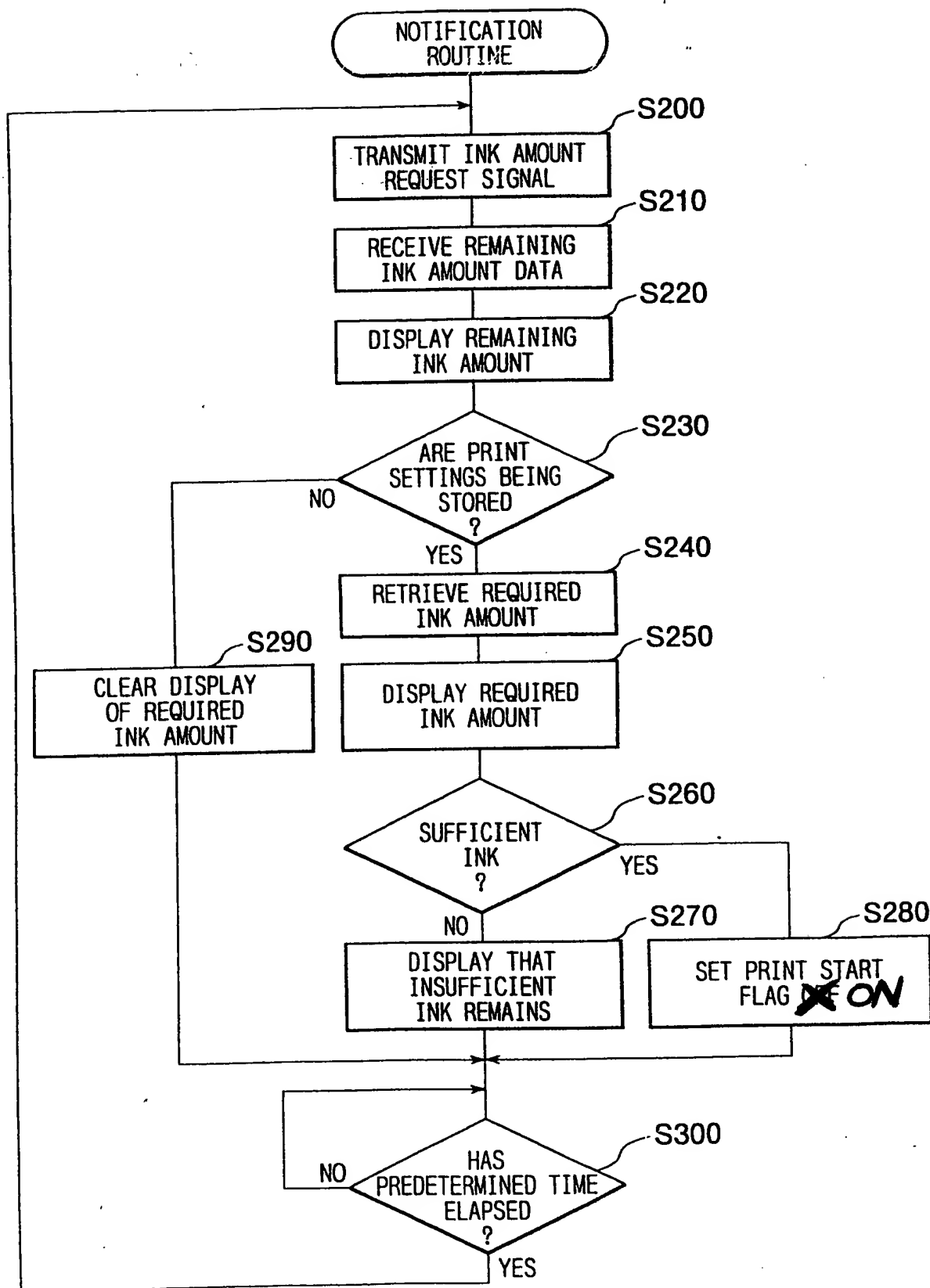


FIG. 4

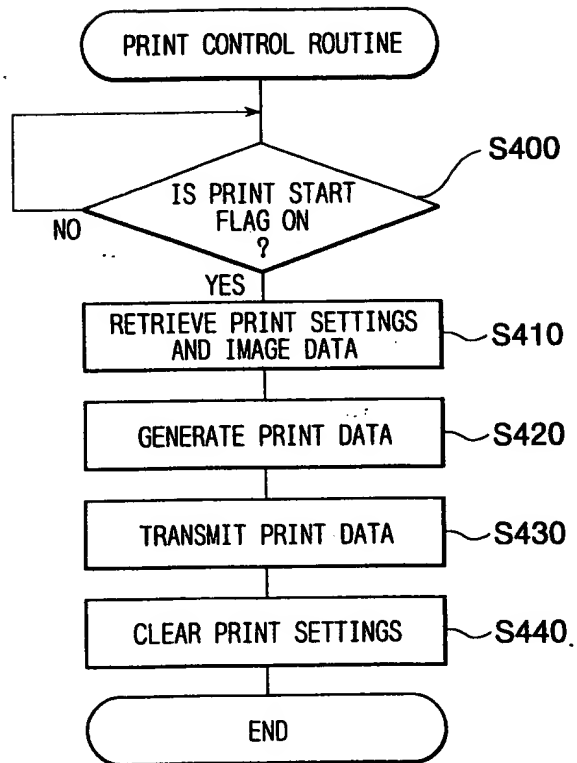




FIG. 5

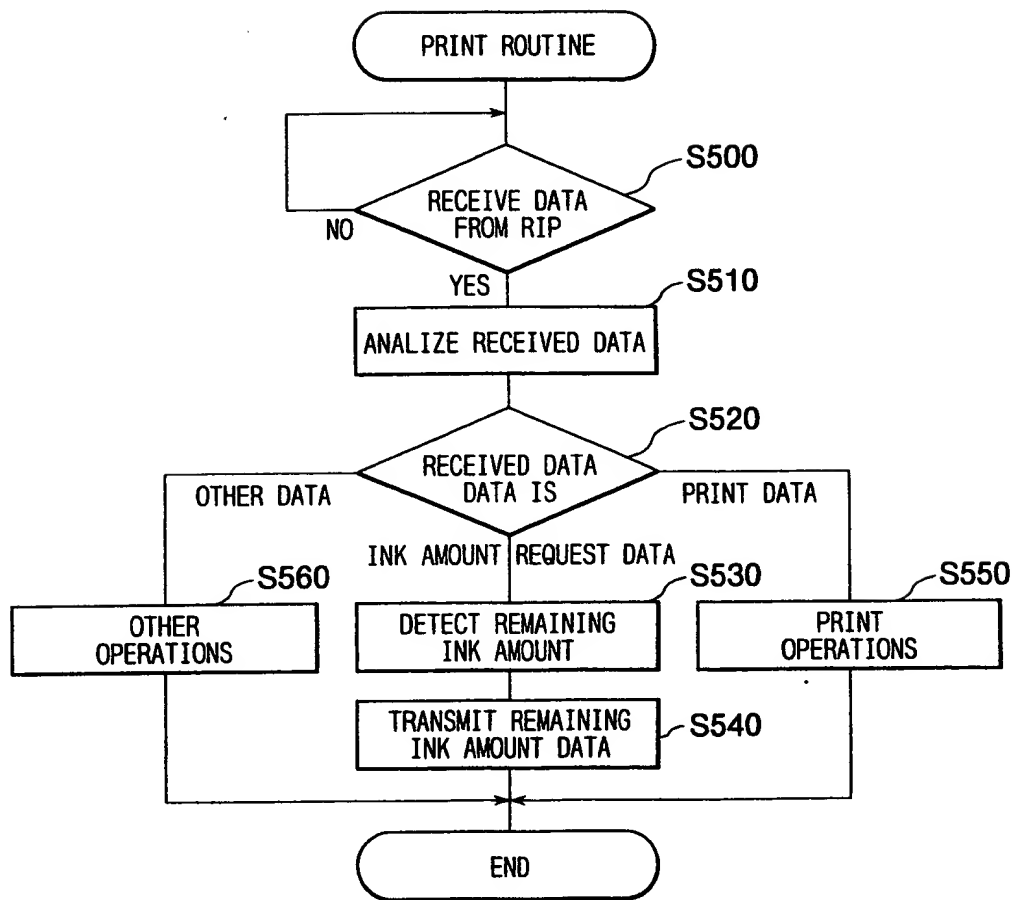


FIG. 6

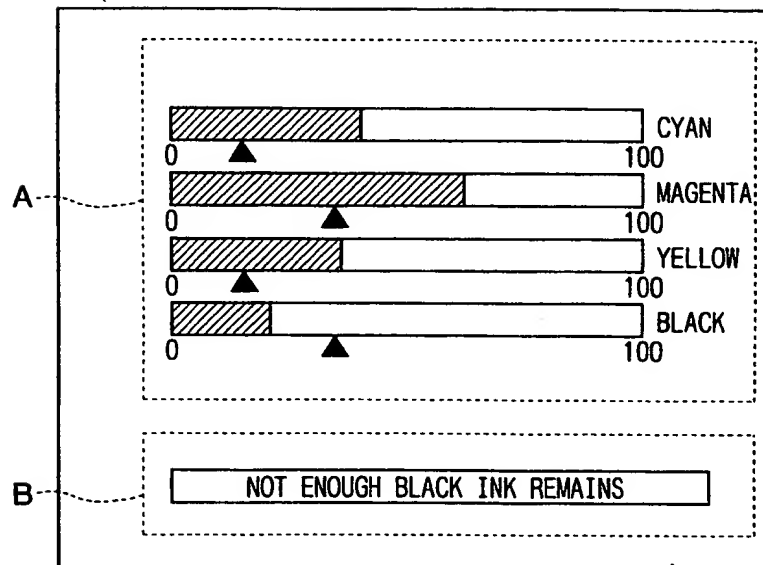


FIG. 7

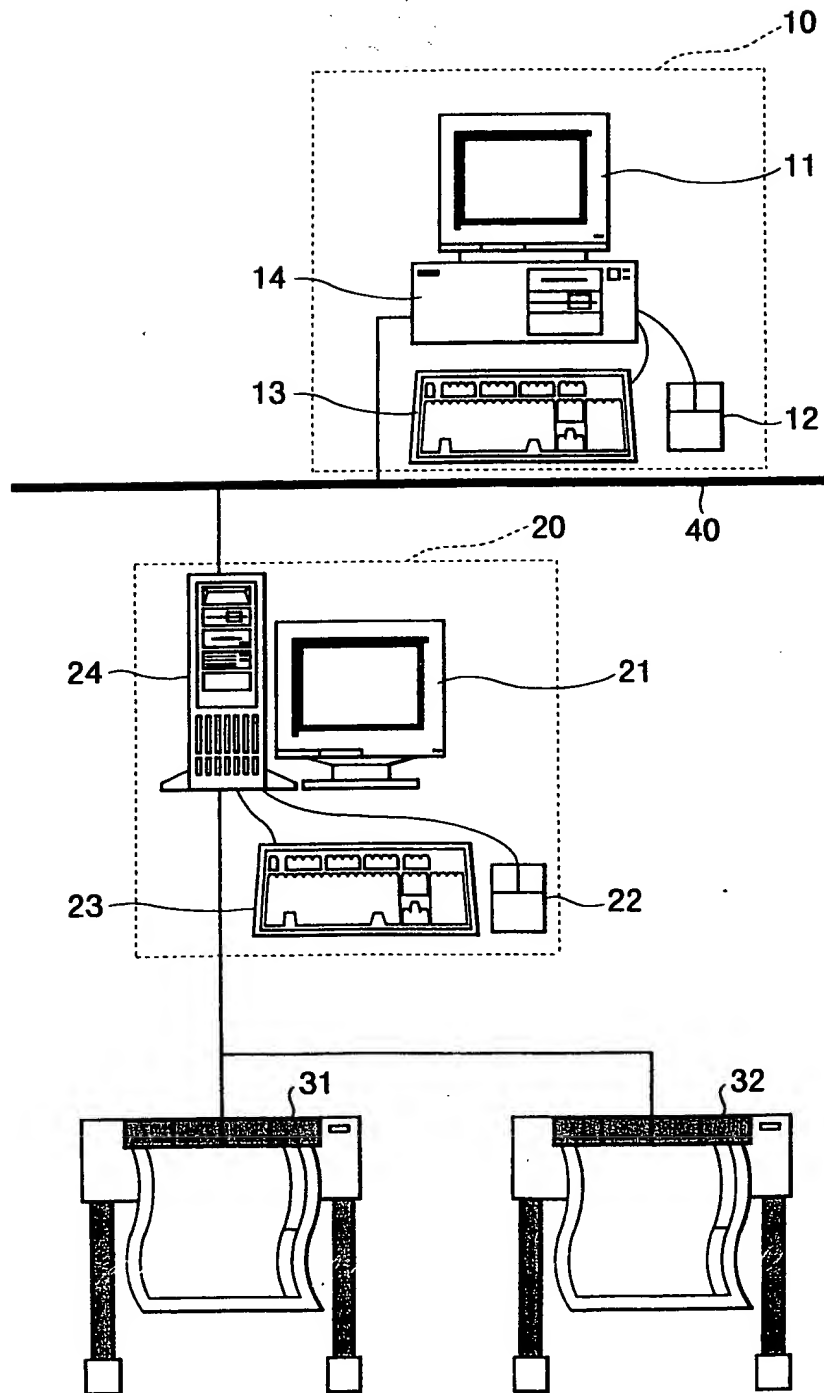
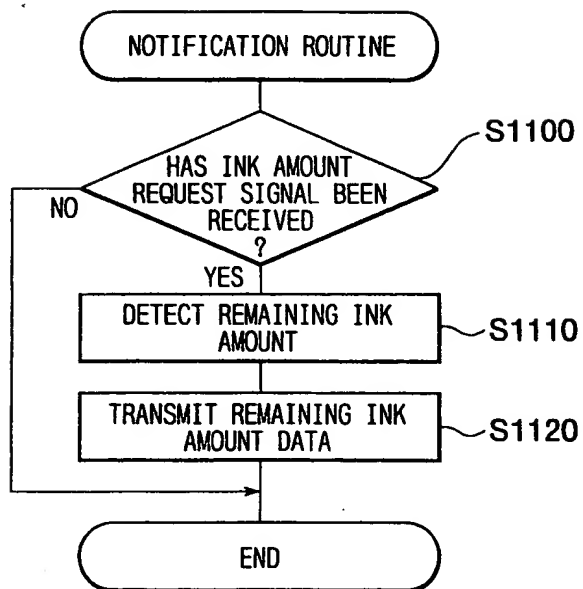


FIG. 8



9 / 13  
FIG. 9

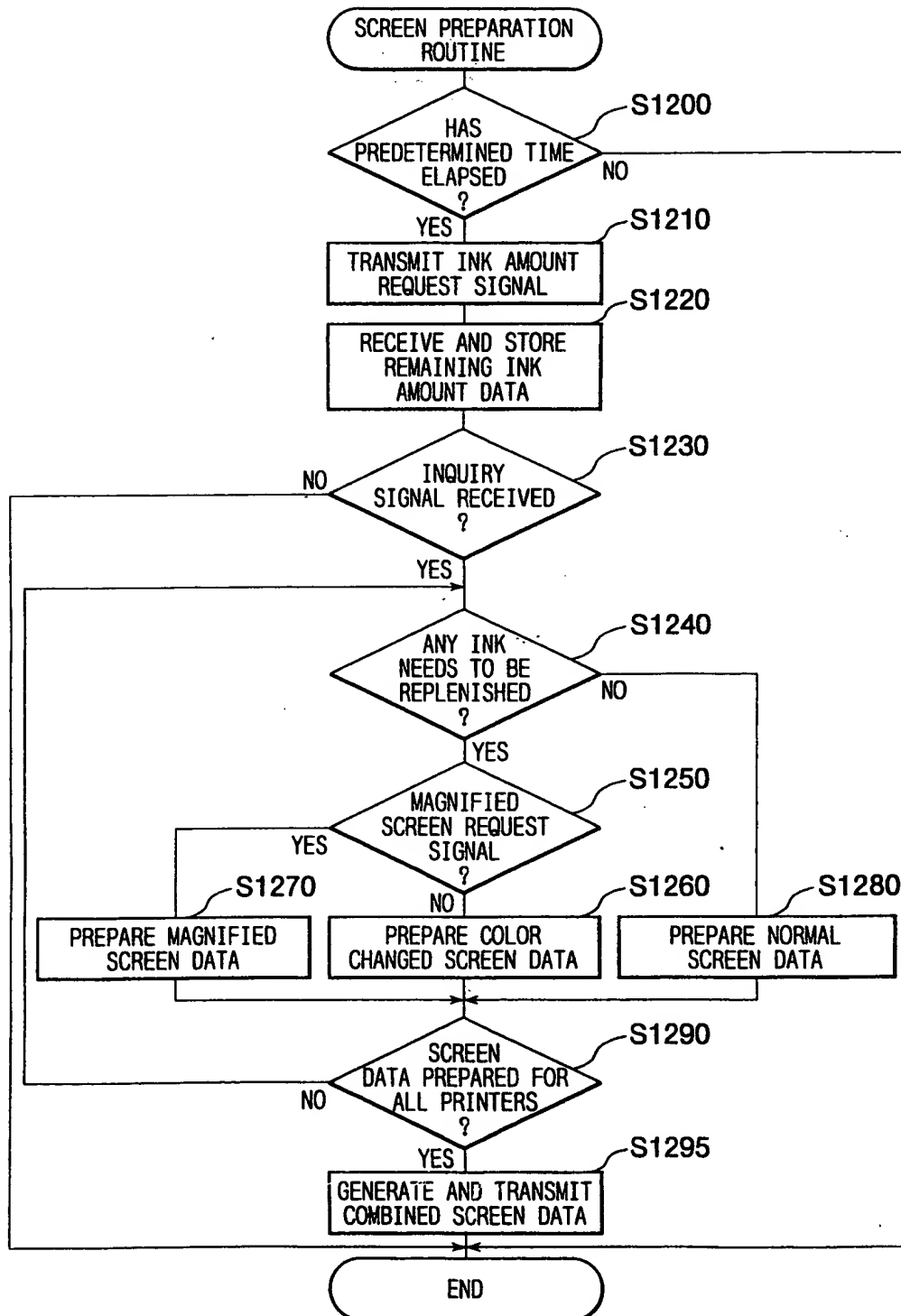


FIG. 10

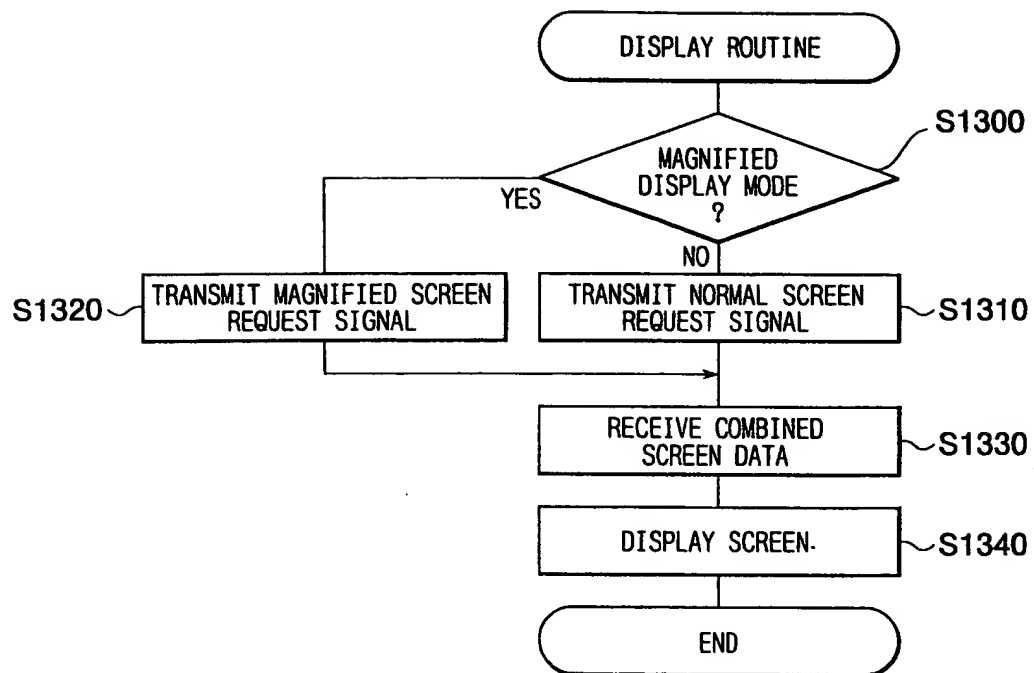


FIG. 11

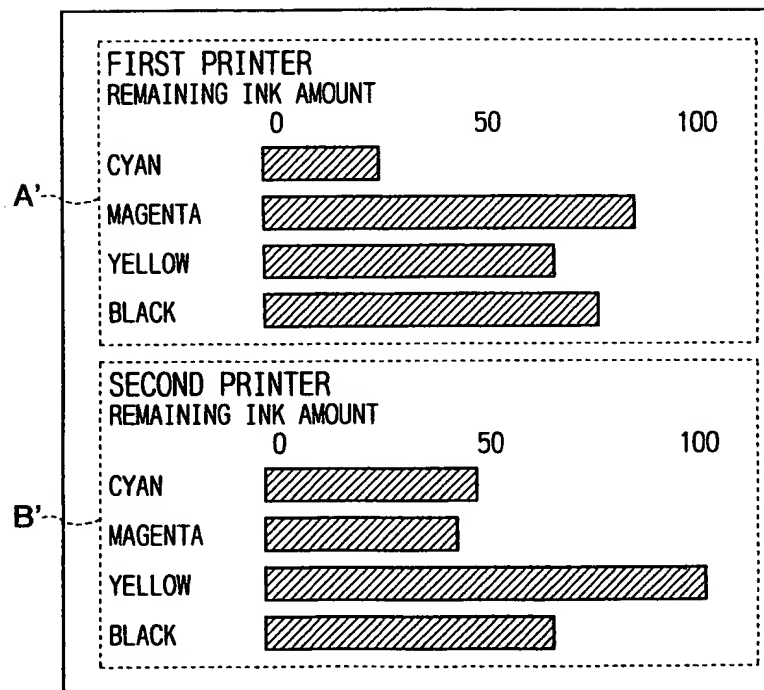


FIG. 12

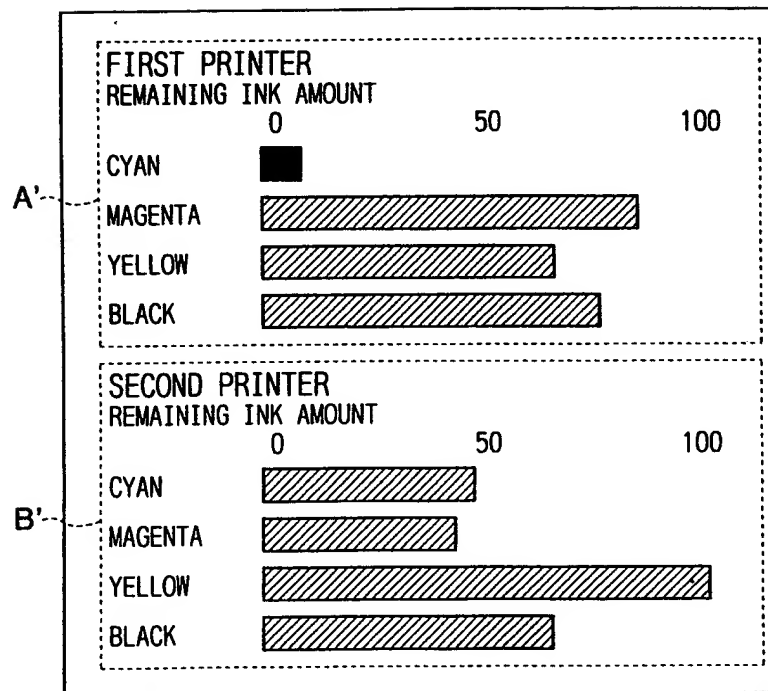




FIG. 13

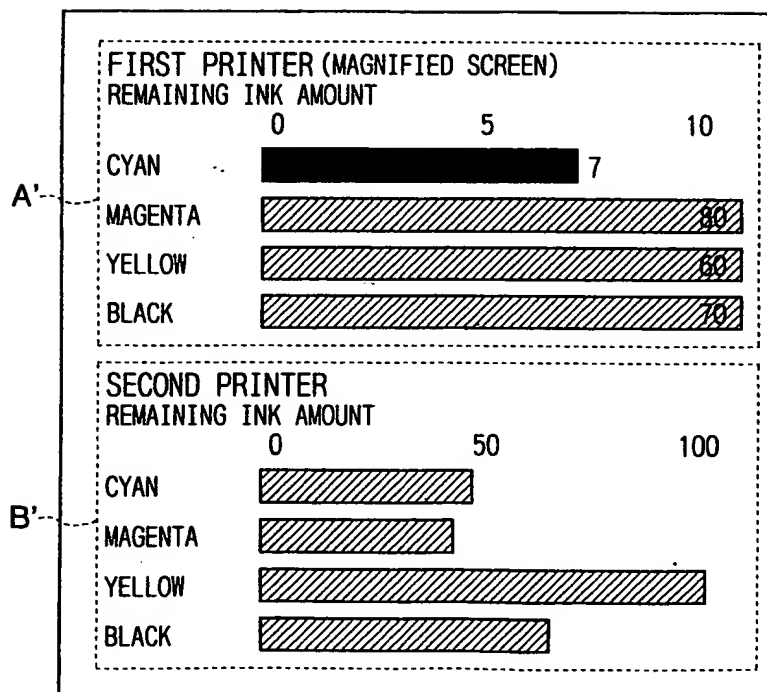


Exhibit C



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/384,532	03/27/1999	MASASHI KUNO	3517-45	7955

7590 03/01/2004

Pitney, Hardin, Kipp & Szuch LLP  
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13

Please find below and/or attached an Office communication concerning this application or proceeding.



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Paper No.

Notice of Non-Compliant Amendment (37 CFR 1.121)

The amendment document filed on 2-9-04 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121, as amended on June 30, 2003 (see 68 Fed. Reg. 38611, Jun. 30, 2003). In order for the amendment document to be compliant, correction of the following item(s) is required. Only the corrected section of the non-compliant amendment document must be resubmitted (in its entirety), e.g., the entire "Amendments to the claims" section of applicant's amendment document must be re-submitted. 37 CFR 1.121(h).

THE FOLLOWING CHECKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- ☐ 1. Amendments to the specification:
- ☐ A. Amended paragraph(s) do not include markings.
  - ☐ B. New paragraph(s) should not be underlined.
  - ☐ C. Other \_\_\_\_\_
- ☐ 2. Abstract:
- ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
  - ☐ B. Other \_\_\_\_\_
- ☒ 3. Amendments to the drawings: Drawing sheets must be labeled in the top margin as "Replacement" or "Amended".
- ☒ 4. Amendments to the claims:
- ☒ A. A complete listing of all of the claims is not present.
  - ☐ B. The listing of claims does not include the text of all claims (including withdrawn claims)
  - ☐ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified.
  - ☐ D. The claims of this amendment paper have not been presented in ascending numerical order.
  - ☐ E. Other: \_\_\_\_\_

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP Sec. 714 and the USPTO website at <http://www.uspto.gov/web/offices/pac/dapp/opla/preognotice/officeflyer.pdf>.

If the non-compliant amendment is a **PRELIMINARY AMENDMENT**, applicant is given ONE MONTH from the mail date of this letter to supply the corrected section which complies with 37 CFR 1.121. Failure to comply with 37 CFR 1.121 will result in non-entry of the preliminary amendment and examination on the merits will commence without consideration of the proposed changes in the preliminary amendment(s). This notice is not an action under 35 U.S.C. 132, and this ONE MONTH time limit is not extendable.

If the non-compliant amendment is a reply to a **NON-FINAL OFFICE ACTION** (including a submission for an RCE), and since the amendment appears to be a *bona fide* attempt to be a reply (37 CFR 1.135(c)), applicant is given a TIME PERIOD of ONE MONTH from the mailing of this notice within which to re-submit the corrected section which complies with 37 CFR 1.121 in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD ARE AVAILABLE UNDER 37 CFR 1.136(a).**

If the amendment is a reply to a **FINAL REJECTION**, this form may be an attachment to an Advisory Action. The period for response to a final rejection continues to run from the date set in the final rejection, and is not affected by the non-compliant status of the amendment.

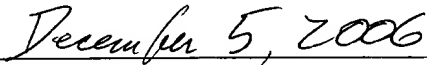
[Signature] 713-305-8239  
Legal Instruments Examiner (LIE) Telephone No.

ATTESTATION

I, Ronald E. Brown, a practitioner registered to practice before the United States Patent and Trademark Office, do hereby attest that the search of the file jacket of the U.S. Patent Application Serial No. 09/384,532 indicate that the Office Action of Office Action, "Notice of Non-compliant Amendment", of March 1, 2004 was not received (other than the belated receipt from PAIR as described herein). Further, our firm's docket records were searched for the period where the non-received Office Action would have been entered. The search of the docket records did not find a docket entry for this application, indicating that the Office Action was not received. A copy of the docket report searched is attached as Exhibit D.



Ronald E. Brown  
Registration No. 32,200



Date of Signature

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01-Apr-2004 To 01-Sep-2004

**Title:** PLAYING TABLE

Published	10/752,451	06-Jan-2004	JFG
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**Matter:** 110867

**Title:** TRI-COLOR EXTRUDED WARNING SIGN AND METHOD OF FABRICATING SAME

09-Apr-2004	Final Pretrial Conf in 2 wk	500769-121 / 0	Civil	IP 02-0855-C-H/K	GL
Due Date		United States of America	MINIGRIP INC.		LSA
<i>Owner:</i>		<i>PHKS #.</i> 335		<i>Matter.</i> 101713	REE

**Title:** PLIANT CORPORATION v. ITW, Inc., PACTIV CORPORATION, ALCOA CONSUMER PRODUCTS, Inc., SARGENTO FOODS, Inc.

**Remarks:** File a list of witnesses who are expected to be called to testify at trial. Submit all stipulations of facts in writing to the Court.

Granted	08/864,643	29-May-1997	LSA
STUDIO TORTA	6,047,670	11-Apr-2000	

**Matter:** 080387

***Title:*** PURIFIER DEVICES FOR A BLEED CIRCUIT OF AN ENDOTHERMAL ENGINE BLOCK AND A BLEED CIRCUIT PROVIDED WITH THIS DEVICE

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
12-Apr-2004	Information Disclosure Stmt	502424-022 / 0	Published	10/755,755	12-Jan-2004	GL
Due Date		United States of America	HOFMAN-ZACCO DENMARK A/S			LSA
Owner:		PHKS #: 30	Matter: 108014			
Title: SLEEPING DEVICES COMPRISING A COMBINATION OF DOWN FILING AND A TEMPERATURE REGULATING MATERIAL						

14-Apr-2004	Issue Notification Status	503094-048 / 0	Granted	10/203,132	02-Aug-2002	GL
Due Date	US-Issue Notification Status	United States of America	MATSUI & ASSOCIATES	6,743,860	01-Jun-2004	LSA
Owner:		PHKS #: 63	Matter: 101743			
Title: THERMOPLASTIC RESIN COMPOSITION AND PRODUCTION PROCESSES THEREOF						

18-Apr-2004	Maint Fee w/Grace Period in 2	501906-001 / 0	Granted	08/350,422	06-Dec-1994	GL
Due Date	Maint Fee w/Grace Period	United States of America	ALFRED SULKOWSKI	5,527,464	18-Jun-1996	JFG
Owner:		PHKS #: 5 CIP # 2	Matter: 000001			
Title: A METHOD AND SYSEM FOR THE TREATMENT AND UTILIZATION OF WASTE PRODUCTS						
Remarks: Reminder letters sent to client has been returned. There is no phone no. or any additional information on client. NO FORWARDING ADDRESS.						

18-Apr-2004	Maint Fee w/Grace Period in 3	503930-003 / 0	Issued	09/293,309	16-Apr-1999	GL
Due Date	Maint Fee w/Grace Period	United States of America	OFFICE TOMIOKA	6,092,032	18-Jul-2000	
Owner:		PHKS #: 13 DIV	Matter: 086119			
Title: ELECTROCONDUCTIVE ROLLER AND APPARATUS AND METHOD FOR TESTING IT						

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
19-Apr-2004	Dispositive motions, motions	500769-124 / 0	Civil	01-C-0554		GL
Due Date		United States of America	MINIGRIP INC.			
<b>Owner:</b>		<b>PHKS #:</b> 334		<b>Matter:</b> 102042		LSA
		<b>Title:</b> S.C. JOHNSON & SON, INC. and S.C. JOHNSON HOME STORAGE, INC. v. CHELSEA INDUSTRIES, INC., d/b/a, Webster Industries, v. ILLINOIS TOOL WORKS, INC.(third-Party Defendant and Cross Claimant)				
		<b>Remarks:</b> to dismiss, motions for summary judgement, motions for judgement on the pleadings to be filed and served				
20-Apr-2004	Deposition of experts re:	500769-124 / 0	Civil	01-C-0554		GL
Due Date		United States of America	MINIGRIP INC.			
<b>Owner:</b>		<b>PHKS #:</b> 334		<b>Matter:</b> 102042		LSA
		<b>Title:</b> S.C. JOHNSON & SON, INC. and S.C. JOHNSON HOME STORAGE, INC. v. CHELSEA INDUSTRIES, INC., d/b/a, Webster Industries, v. ILLINOIS TOOL WORKS, INC.(third-Party Defendant and Cross Claimant)				
		<b>Remarks:</b> Post-Markman hearing Rule 26(a)(2)(B) expert reports and re: Post-Markman hearing Rule 26(a)(2)(C) rebuttal expert reports to be completed				
21-Apr-2004	Maint Fee w/ Grace Period	502280-015 / 0	Granted	07/643,731	22-Jan-1991	GL
Final	Maint Fee w/Grace Period	United States of America	LOS EN STIGTER	5,106,509	21-Apr-1992	LSA
<b>Owner:</b>		<b>PHKS #:</b> 106		<b>Matter:</b> 080155		
		<b>Title:</b> PROCESS FOR THE REMOVAL OF FLUORIDE FROM WASTE WATER				
23-Apr-2004	Final Pretrial Conference	500769-121 / 0	Civil	IP 02-0855-C-H/K		GL
Due Date		United States of America	MINIGRIP INC.			LSA
<b>Owner:</b>		<b>PHKS #:</b> 335		<b>Matter:</b> 101713		REB
		<b>Title:</b> PLIANT CORPORATION v. ITW, Inc., PACTIV CORPORATION, ALCOA CONSUMER PRODUCTS, Inc., SARGENTO FOODS, Inc.				
		<b>Remarks:</b> at 9:00 am in Room 330, the United States courthouse, 46n East Ohio Street, Indianapolis, Indiana.				



## Due Date List By Date

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
23-Apr-2004	Final Pretrial Conf in 1 wk	500769-121 / 0	Civil	IP 02-0855-C-H/K		GL
Due Date		United States of America	MINIGRIP INC.			LSA
<b>Owner:</b>		<b>PHKS #:</b> 335		<b>Matter:</b> 101713		REB
		<b>Title:</b> PLIANT CORPORATION v. ITW, Inc., PACTIV CORPORATION, ALCOA CONSUMER PRODUCTS, Inc., SARGENTO FOODS, Inc.				
		<b>Remarks:</b> Notify opposing counsel in writing of any objections to the proposed exhibits.				
28-Apr-2004	Maint Fee w/ Grace Period	501606-026 / 0	Granted	749,481	15-Aug-1991	GL
Final	Maint Fee w/Grace Period	United States of America	ESAKI & ASSOCIATES	5,108,257	28-Apr-1992	
<b>Owner:</b>		<b>PHKS #:</b> 165		<b>Matter:</b> 078783		
		<b>Title:</b> IMPELLER FOR TURBO PUMP FOR WATER JET PROPULSION MACHINERY, AND TURBO PUMP INCLUDING SAME IMPELLER				
01-May-2004	National Phase at 30 Mons	502453-019 / 0	Pending	PCT/US02/34824	30-Oct-2002	LSA
Due Date		Patent Cooperation Treaty	PROCEDYNE CORPORATION			
<b>Owner:</b>		<b>PHKS #:</b> 82 PCT		<b>Matter:</b> 103434		
		<b>Title:</b> APPARATUS AND METHOD FOR TRANSFERRING HEAT TREATED PARTS				
		<b>Remarks:</b> NAT'L PHASE 30TH MONTH MUST BE FILED APRIL 30, 2004				
01-May-2004	Chapter I Due (Extended))	502453-019 / 0	Pending	PCT/US02/34824	30-Oct-2002	LSA
Due Date		Patent Cooperation Treaty	PROCEDYNE CORPORATION			
<b>Owner:</b>		<b>PHKS #:</b> 82 PCT		<b>Matter:</b> 103434		
		<b>Title:</b> APPARATUS AND METHOD FOR TRANSFERRING HEAT TREATED PARTS				



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01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
14-May-2004	Foreign Filing Reminder	004063-001 / 0	Pending	60/520,482	14-Nov-2003	YK
Due Date	Foreign Filing	United States of America	NISSCO COMPANY LLC			RNN
<b>Owner:</b>		<b>PHKS #:</b> 107963	<b>Matter:</b> 107963			REB
		<b>Title:</b> METHOD OF SEPARATING CARBON BLACK FROM WASTE TIRES				
14-May-2004	Filing Reminder	004063-001 / 0	Pending	60/520,482	14-Nov-2003	YK
Due Date	File Application	United States of America	NISSCO COMPANY LLC			RNN
<b>Owner:</b>		<b>PHKS #:</b> 107963	<b>Matter:</b> 107963			REB
		<b>Title:</b> METHOD OF SEPARATING CARBON BLACK FROM WASTE TIRES				
18-May-2004	Maint Fee w/Grace Period in 1	501906-001 / 0	Granted	08/350,422	06-Dec-1994	GL
Due Date	Maint Fee w/Grace Period	United States of America	ALFRED SULKOWSKI	5,527,464	18-Jun-1996	JFG
<b>Owner:</b>		<b>PHKS #:</b> 5 CIP # 2	<b>Matter:</b> 000001			
		<b>Title:</b> A METHOD AND SYSEM FOR THE TREATMENT AND UTILIZATION OF WASTE PRODUCTS				
		<b>Remarks:</b> Reminder letters sent to client has been returned. There is no phone no. or any additional information on client. NO FORWARDING ADDRESS.				
18-May-2004	Maint Fee w/Grace Period in 2	503930-003 / 0	Issued	09/293,309	16-Apr-1999	GL
Due Date	Maint Fee w/Grace Period	United States of America	OFFICE TOMIOKA	6,092,032	18-Jul-2000	
<b>Owner:</b>		<b>PHKS #:</b> 13 DIV	<b>Matter:</b> 086119			
		<b>Title:</b> ELECTROCONDUCTIVE ROLLER AND APPARATUS AND METHOD FOR TESTING IT				
19-May-2004	Status Check	005861-109681	Pending	TBD		LSA
Due Date		United States of America	Peter Kublickis			JFG
<b>Owner:</b>	Peter Kublickis	<b>PHKS #:</b> 109681	<b>Matter:</b> 109681			
		<b>Title:</b> Provisional Patent Application for Anonymo				
		<b>Remarks:</b> 5/19/04 - Status Check - Has this Application been Filed check with LSA or JFG				

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
20-May-2004	Dispositive motions	500769-124 / 0	Civil	01-C-0554		GL
Due Date		United States of America	MINIGRIP INC.			
<b>Owner:</b>		<b>PHKS #:</b> 334		<b>Matter:</b> 102042		LSA
		<b>Title:</b> S.C. JOHNSON & SON, INC. and S.C. JOHNSON HOME STORAGE, INC. v. CHELSEA INDUSTRIES, INC., d/b/a, Webster Industries, v. ILLINOIS TOOL WORKS, INC. (third-Party Defendant and Cross Claimant)				
		<b>Remarks:</b> including motions to dismiss, for summary judgement and for judgement on the pleadings to be filed and served.				
26-May-2004	Tax 7.5	504055-2 DIV	Granted	08/496,438	29-Jun-1995	LSA
Due Date		United States of America	PAUL MARCUS	5,578,263	26-Nov-1996	
<b>Owner:</b>		<b>PHKS #:</b>		<b>Matter:</b>		
		<b>Title:</b> PARISON MOLDING METHOD WITH REDUCED MOLDING CYCLE TIMES				
		<b>Remarks:</b> 4/21/04 - Mailed reminder & called leaving message to please contact me regarding 7.5 Main/Fee due 5/26/04.				
26-May-2004	Tax 7.5	504055-3-DIV	Granted	08/495,855	26-Jun-1995	LSA
Due Date		United States of America	PAUL MARCUS	5,578,262	26-Nov-1996	
<b>Owner:</b>		<b>PHKS #:</b>		<b>Matter:</b>		
		<b>Title:</b> INJECTION BLOW MOLDING HAVING REDUCED MOLDING CYCLE TIMES				
		<b>Remarks:</b> 4/21/04 - Mailed and called Mr. Paul Marcus at 603-924-5918 leaving message to please contact me regarding upcoming Main/Fee tax 7.5 due on May 26, 2004				
28-May-2004	Demand for Chapter II Due	003913-013 / 0	Pending	PCT/US03/00000	21-Jul-2003	GL
Due Date		Patent Cooperation Treaty	ATSUSHI TAKAHASHI DDS., PHD			YK
<b>Owner:</b>		<b>PHKS #:</b> 103490		<b>Matter:</b> 103490		RNN
		<b>Title:</b> ELECTRIC INTERDENTAL BRUSH				

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
31-May-2004 Final <b>Owner:</b>	Immigration Final Due Date IMMIGRATION STATUS	005783-109467 United States of America <b>PHKS #:</b> <b>Title:</b> IMMIGRATION MATTER	Pending Kiyoko Sagane <b>Matter:</b>	TBD	04-May-2004	YK RNN
01-Jun-2004 Due Date <b>Owner:</b>	Information Disclosure Stmtnt	500488-020 / 0 United States of America <b>PHKS #:</b> 191 <b>Title:</b> OPTICAL NAVIGATION SYSTEM FOR ROTARY CON	Published STANTON MAGNETICS <b>Matter:</b> 108202	10/790,441	01-Mar-2004	GL REB
01-Jun-2004 Due Date <b>Owner:</b>	Case to be tried to a jury	500769-124 / 0 United States of America <b>PHKS #:</b> 334 <b>Title:</b> S.C. JOHNSON & SON, INC. and S.C. JOHNSON HOME STORAGE, INC. v. CHELSEA INDUSTRIES, INC., d/b/a, Wesbster Industries, v. ILLINOIS TOOL WORKS, INC.(third-Party Defendant and Cross Claimant) <b>Remarks:</b> Trial is scheduled for 9:00 am. Parties will inform the court of any change in the estimated length of trial	Civil MINIGRIP INC. <b>Matter:</b> 102042	01-C-0554		GL LSA
02-Jun-2004 Due Date <b>Owner:</b>	Information Disclosure Stmtnt	007264-116730 United States of America <b>PHKS #:</b> 116730 <b>Title:</b> WIRELESS BATTERY CHARGER VIA CARRIER FREQUENCY SIGNAL	Pending MICHAEL VINCENT DI STEFANO <b>Matter:</b> 116730	10/790,000	02-Mar-2004	REB
04-Jun-2004 Due Date <b>Owner:</b>	Information Disclosure Stmtnt	504308-003 / 0 United States of America <b>PHKS #:</b> 3 Div <b>Title:</b> DATABASE COMMUNICATION SYSTEM AND METHOD FOR...	Allowed BASE ONE INTERNATIONAL CORPORA <b>Matter:</b> 108031	10/793,113	04-Mar-2004	GL REB

Tuesday, December 05, 2006

## Due Date List By Date

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Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
06-Jun-2004 Due Date <b>Owner:</b>	Annuity Due	003016-020 / 0 Australia <b>PHKS #:</b> A30153-PCT-I <b>Title:</b> A SAMPLE PRESENTATION APPARATUS FOR MASS SPECTROMETRY (ASU-708)	Granted ARIZONA STATE UNIVERSITY <b>Matter:</b> 097864	37082/01 756020	17-Apr-2001 17-Apr-2003	LSA JFG
06-Jun-2004 Due Date <b>Owner:</b>	Annuity Due	003016-022 / 0 European Patent Convention <b>PHKS #:</b> A30153-PCT <b>Title:</b> A SAMPLE PRESENTATION APPARATUS FOR MASS SPECTROMETRY (ASU-708)	Published ARIZONA STATE UNIVERSITY <b>Matter:</b> 097866	96921296.8	06-Jun-1996	LSA JFG
06-Jun-2004 Due Date <b>Owner:</b>	Chapter I Due (Extended))	502733-021 / 0 Patent Cooperation Treaty <b>PHKS #:</b> 14 PCT <b>Title:</b> IMPROVED BREATH COLLECTON APPARATUS	Published MICHAEL PHILLIPS M.D. FACP <b>Matter:</b> 103477	PCT/US02/38571	05-Dec-2002	LSA JFG
06-Jun-2004 Due Date <b>Owner:</b>	National Phase at 30 Mons	502733-021 / 0 Patent Cooperation Treaty <b>PHKS #:</b> 14 PCT <b>Title:</b> IMPROVED BREATH COLLECTON APPARATUS	Published MICHAEL PHILLIPS M.D. FACP <b>Matter:</b> 103477	PCT/US02/38571	05-Dec-2002	LSA JFG
15-Jun-2004 Due Date <b>Owner:</b>	Information Disclosure Stmtnt	078305-092 / 0 United States of America <b>PHKS #:</b> 108017 <b>Title:</b> ONE COMPARTMENT CONTAINER DESIGN	Granted TEKNI-PLEX, INC. <b>Matter:</b> 108017	29/201,418 D531,894	15-Mar-2004 14-Nov-2006	JFG

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
16-Jun-2004	Information Disclosure Stmtnt	078305-095 / 0	Granted	29/201,522	16-Mar-2004	JFG
Due Date		United States of America	TEKNI-PLEX, INC.	D517,427	21-Mar-2006	
<b>Owner:</b>		<b>PHKS #:</b> 108020		<b>Matter:</b> 108020		
		<b>Title:</b> TWO COMPARTMENT CONTAINER				
18-Jun-2004	Maint Fee w/ Grace Period	501906-001 / 0	Granted	08/350,422	06-Dec-1994	GL
Final	Maint Fee w/Grace Period	United States of America	ALFRED SULKOWSKI	5,527,464	18-Jun-1996	JFG
<b>Owner:</b>		<b>PHKS #:</b> 5 CIP # 2		<b>Matter:</b> 000001		
		<b>Title:</b> A METHOD AND SYSEM FOR THE TREATMENT AND UTILIZATION OF WASTE PRODUCTS				
		<b>Remarks:</b> Reminder letters sent to client has been returned. There is no phone no. or any additional information on client. NO FORWARDING ADDRESS.				
18-Jun-2004	Maint Fee w/Grace Period in 1	503930-003 / 0	Issued	09/293,309	16-Apr-1999	GL
Due Date	Maint Fee w/Grace Period	United States of America	OFFICE TOMIOKA	6,092,032	18-Jul-2000	
<b>Owner:</b>		<b>PHKS #:</b> 13 DIV		<b>Matter:</b> 086119		
		<b>Title:</b> ELECTROCONDUCTIVE ROLLER AND APPARATUS AND METHOD FOR TESTING IT				
20-Jun-2004	Chapter 1 Due (Extended))	004189-011 / 0	Published	PCT/US02/40800	20-Dec-2002	GL
Due Date		Patent Cooperation Treaty	SAUQUOIT INDUSTRIES, INC.			LSA
<b>Owner:</b>		<b>PHKS #:</b> 103486		<b>Matter:</b> 103486		
		<b>Title:</b> ANTIBIOTIC TEXTILE MATERIALS SUITABLE FOR WOUND DRESSINGS AND WOUND DRESSINGS INCORPORATED THE SAME				
20-Jun-2004	National Phase at 30 Mons	004189-011 / 0	Published	PCT/US02/40800	20-Dec-2002	GL
Due Date		Patent Cooperation Treaty	SAUQUOIT INDUSTRIES, INC.			LSA
<b>Owner:</b>		<b>PHKS #:</b> 103486		<b>Matter:</b> 103486		
		<b>Title:</b> ANTIBIOTIC TEXTILE MATERIALS SUITABLE FOR WOUND DRESSINGS AND WOUND DRESSINGS INCORPORATED THE SAME				

## Due Date List By Date

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
26-Jun-2004	Information Disclosure Stmtnt	004553-007 / 0 United States of America <b>PHKS #:</b> 108040 <b>Title:</b> RECORDING APPARATUS	Published KANDO PATENT OFFICE <b>Matter:</b> 108040	10/811,179	26-Mar-2004	GL RNN
26-Jun-2004	Information Disclosure Stmtnt	503517-013 / 0 United States of America <b>PHKS #:</b> 108038 <b>Title:</b> NOZZEL HEAD, NOZZLE HEAD HOLDER, AND DROPLET JET PATTERNING DEVICE	Granted KITAZAWA & KOIZUMI <b>Matter:</b> 108038	10/491,123 7,008,482	26-Mar-2004 07-Mar-2006	GL LSA REB
28-Jun-2004	National Phase at 20 Mons	003913-013 / 0 Patent Cooperation Treaty <b>PHKS #:</b> 103490 <b>Title:</b> ELECTRIC INTERDENTAL BRUSH	Pending ATSUSHI TAKAHASHI DDS., PHD <b>Matter:</b> 103490	PCT/US03/00000	21-Jul-2003	GL YK RNN
29-Jun-2004	Information Disclosure Stmtnt	501606-090 / 0 United States of America <b>PHKS #:</b> 108029 <b>Title:</b> AN ELECTRIC CYLINDER FOR ACTUATING A DOOR LOCK AND A CYLINDER DOOR LOCK	Published ESAKI & ASSOCIATES <b>Matter:</b> 108029	10/812,234	29-Mar-2004	GL LSA RNN
30-Jun-2004	Information Disclosure Stmtnt	005579-00001 United States of America <b>PHKS #:</b> 109124 <b>Title:</b> COFFEE TABLE	Granted Takeshi Miyakawa <b>Matter:</b> 109124	29/202,577 D508,174	31-Mar-2004 09-Aug-2005	JFG RNN YK



## Due Date List By Date

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
30-Jun-2004	Information Disclosure Stmtnt	005579-00002	Granted	29/202,541	31-Mar-2004	JFG
Due Date		United States of America	Takeshi Miyakawa	D505,282	24-May-2005	RNN
<b>Owner:</b>	Takeshi Miyakawa	<b>PHKS #:</b> 109125		<b>Matter:</b> 109125		YK
		<b>Title:</b> DINNING TABLE				
01-Jul-2004	Information Disclosure Stmtnt	404777-041 / 0	Published	10/491,599	01-Apr-2004	GL
Due Date		United States of America	KUDO ICHIRO INTL P.O.			YK
<b>Owner:</b>		<b>PHKS #:</b> 39		<b>Matter:</b> 108552		JFG
		<b>Title:</b> INFORMATION PROCESSING APPARATUS				
02-Jul-2004	Information Disclosure Stmtnt	005777-00002	Published	10/817,666	02-Apr-2004	GL
Due Date		United States of America	Thyssen Polymer GMBH			LSA
<b>Owner:</b>		<b>PHKS #:</b> 109442		<b>Matter:</b> 109442		
		<b>Title:</b> CONTAINER WITH WINDOWS				
05-Jul-2004	Tax 11.5	006128-00048	Issued	07/516,048	27-Apr-1990	MAL
Due Date		United States of America	Graham Field Health Products	5,176,393	05-Jan-1993	JAL
<b>Owner:</b>		<b>PHKS #:</b>		<b>Matter:</b> 112894		JFG
		<b>Title:</b> MODULAR WHEELCHAIR				
09-Jul-2004	Information Disclosure Stmtnt	2TEST-00001	Pending		09-Apr-2004	
Due Date		United States of America	DKJDSFDSFSDFS			
<b>Owner:</b>		<b>PHKS #:</b>		<b>Matter:</b>		

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
09-Jul-2004 Due Date <b>Owner:</b>	Information Disclosure Stmtnt	502388-100 / 0 United States of America <b>PHKS #:</b> 388 <b>Title:</b> A TOY BUILDING SET	Pending LEGO	10/491,682 <b>Matter:</b> 108037	09-Apr-2004	GL REB
12-Jul-2004 Due Date <b>Owner:</b>	Information Disclosure Stmtnt	500769-114 United States of America <b>PHKS #:</b> 333 DIV. <b>Title:</b> METHODS OF MAKING SLIDE-ZIPPERED RECLOSABLE PACKAGES ON HORIZONTAL FORM-FILL-SEAL MACHINES	Pending MINIGRIP INC.	10/822,369 <b>Matter:</b> 108041	12-Apr-2004	GL LSA REB
16-Jul-2004 Due Date <b>Owner:</b>	Deferred Exam	500488-010 / 0 Japan <b>PHKS #:</b> 180 <b>Title:</b> CROSS FADER WITH DUAL OPTOCOUPERS	Pending STANTON MAGNETICS	2001-214690 <b>Matter:</b> 096110	16-Jul-2001	GL
18-Jul-2004 Final <b>Owner:</b>	Maint Fee w/ Grace Period Maint Fee w/Grace Period	503930-003 / 0 United States of America <b>PHKS #:</b> 13 DIV <b>Title:</b> ELECTROCONDUCTIVE ROLLER AND APPARATUS AND METHOD FOR TESTING IT	Issued OFFICE TOMIOKA	09/293,309 6,092,032 <b>Matter:</b> 086119	16-Apr-1999 18-Jul-2000	GL
19-Jul-2004 Final <b>Owner:</b>	Immigration Final Due Date IMMIGRATION STATUS	005778-109444 United States of America <b>PHKS #:</b> 109444 <b>Title:</b> IMMIGRATION MATTER <b>Remarks:</b> Immigration Matter for Mr. Noriko Akashi Due Date July 19, 2004	Pending Noriko Akashi	TBD <b>Matter:</b> 109444	04-May-2004	YK RNN

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
25-Jul-2004 Due Date <b>Owner:</b>	National Phase at 30 Mons	078305-027 / 1 Patent Cooperation Treaty <b>PHKS #:</b> 104570 PCT <b>Title:</b> CI-EXTRUDED TUBING <b>Remarks:</b> 7/22/04 - National Phase Entry Mailed	Published TEKNI-PLEX, INC.	PCT/US03/02019 <b>Matter:</b> 104570	23-Jan-2003	GL JFG
25-Jul-2004 Due Date <b>Owner:</b>	Chapter I Due (Extended))	078305-027 / 1 Patent Cooperation Treaty <b>PHKS #:</b> 104570 PCT <b>Title:</b> CI-EXTRUDED TUBING	Published TEKNI-PLEX, INC.	PCT/US03/02019 <b>Matter:</b> 104570	23-Jan-2003	GL JFG
29-Jul-2004 Due Date <b>Owner:</b>	10 month status inquiry	005027-001 / 0 United States of America <b>PHKS #:</b> 106978 <b>Title:</b> METHOD OF PROVIDING INSURANCE COVERAGE AS A SECURITY DEPOSIT GUARANTEE	Published MDM GROUP ASSOCIATES, INC.	10/673,798 <b>Matter:</b> 106978	29-Sep-2003	GL REB
29-Jul-2004 Due Date <b>Owner:</b>	Information Disclosure Stmtnt	404777-108551 United States of America <b>PHKS #:</b> 38 <b>Title:</b> Content information transferring device and content information receiving device	Published KUDO ICHIRO INTL P.O.	10/494,205 <b>Matter:</b> 108551	29-Apr-2004	YK JFG GL
30-Jul-2004 Due Date <b>Owner:</b>	Information Disclosure Stmtnt	005392-113552 United States of America <b>PHKS #:</b> 113552 <b>Title:</b> HARD BOX	Pending PLOUGHMANN & VINGTOFT	29/204,468 <b>Matter:</b> 113552	30-Apr-2004	REB

01-Apr-2004 To 01-Sep-2004

Due Date Indicator	Action Due Action Type	Case Number/SubCase Country	Status Client	App Number Pat Number	App Date Iss Date	Attys
05-Aug-2004	Information Disclosure Stmt	P TEST-00001 United States of America.	Pending P TEST FOR SCOTT B.	000000	05-May-2004	SWF

**Owner:** **PHKS #:** **Title:** P TEST FOR SCOTT **Matter:**

25-Aug-2004	Annuity Due	502453-011 / 0 Mexico	Granted PROCEDYNE CORPORATION	PA/a/1999/003113 216015	06-Jan-1997 05-Aug-2003	LSA
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**Owner:** **PHKS #:** 79-0-2 MEXICO **Matter:** 082118  
**Title:** SAND CORE REMOVAL AND CASTING HEAT TREATMENT  
**Remarks:** 6th, 7th, 8th, 9th and 10th year due



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/384,532	03/27/1999	MASASHI KUNO	3517-45	7955

7590 03/01/2004

Pitney, Hardin, Kipp & Szuch LLP  
605 Third Avenue  
New York, NY 10017-4024

EXAMINER

ART UNIT	PAPER NUMBER
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DATE MAILED: 03/01/2004

13

Please find below and/or attached an Office communication concerning this application or proceeding.



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Notice of Non-Compliant Amendment (37 CFR 1.121)

The amendment document filed on 2-9-04 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121, as amended on June 30, 2003 (see 68 Fed. Reg. 38611, Jun. 30, 2003). In order for the amendment document to be compliant, correction of the following item(s) is required. Only the corrected section of the non-compliant amendment document must be resubmitted (in its entirety), e.g., the entire "Amendments to the claims" section of applicant's amendment document must be re-submitted. 37 CFR 1.121(h).

THE FOLLOWING CHECKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- ☐ 1. Amendments to the specification:
- ☐ A. Amended paragraph(s) do not include markings.
  - ☐ B. New paragraph(s) should not be underlined.
  - ☐ C. Other \_\_\_\_\_
- ☐ 2. Abstract:
- ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
  - ☐ B. Other \_\_\_\_\_
- ☒ 3. Amendments to the drawings: Drawing sheets must be labeled in the top margin as "Replacement" or "Amended".
- ☒ 4. Amendments to the claims:
- ☒ A. A complete listing of all of the claims is not present.
  - ☐ B. The listing of claims does not include the text of all claims (including withdrawn claims)
  - ☐ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified.
  - ☐ D. The claims of this amendment paper have not been presented in ascending numerical order.
  - ☐ E. Other: \_\_\_\_\_

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP Sec. 714 and the USPTO website at <http://www.uspto.gov/web/offices/pac/dapp/opla/preognotice/officeflyer.pdf>.

If the non-compliant amendment is a **PRELIMINARY AMENDMENT**, applicant is given ONE MONTH from the mail date of this letter to supply the corrected section which complies with 37 CFR 1.121. Failure to comply with 37 CFR 1.121 will result in non-entry of the preliminary amendment and examination on the merits will commence without consideration of the proposed changes in the preliminary amendment(s). This notice is not an action under 35 U.S.C. 132, and this ONE MONTH time limit is not extendable.

If the non-compliant amendment is a reply to a **NON-FINAL OFFICE ACTION** (including a submission for an RCE), and since the amendment appears to be a *bona fide* attempt to be a reply (37 CFR 1.135(c)), applicant is given a TIME PERIOD of ONE MONTH from the mailing of this notice within which to re-submit the corrected section which complies with 37 CFR 1.121 in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD ARE AVAILABLE UNDER 37 CFR 1.136(a).**

If the amendment is a reply to a **FINAL REJECTION**, this form may be an attachment to an Advisory Action. The period for response to a final rejection continues to run from the date set in the final rejection, and is not affected by the non-compliant status of the amendment.

[Signature] 703-305-8239  
Legal Instruments Examiner (LIE) Telephone No.

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File No. 3517-45  
Ser./Reg./Pat. No. 09/384,532  
The mail room date stamp acknowledges receipt on the date indicated of:  
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☐ Response to O.A.  
☐ Assignment  
☐ Notice of Appeal  
☐ Priority Document  
☐ Issue Fee Transmittal  
☐ Statement of Use

NOTICE OF NON-COMPLIANT AM&T  
CORRECTED DRAWINGS (13 PP)  
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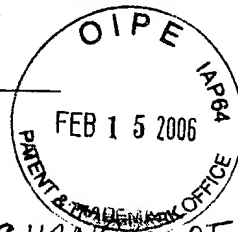
File No. 3517-45 Atty. GL/DMS Postcard No. 005

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| <input type="checkbox"/> Application           | <input checked="" type="checkbox"/> Amendment (16 PP)          |
| <input type="checkbox"/> Response to O.A.      | <input type="checkbox"/> Declaration                           |
| <input type="checkbox"/> Assignment            | <input type="checkbox"/> Brief                                 |
| <input type="checkbox"/> Notice of Appeal      | <input type="checkbox"/> Extension Request for                 |
| <input type="checkbox"/> Priority Document     | <input type="checkbox"/> Check for \$                          |
| <input type="checkbox"/> Issue Fee Transmittal | <input type="checkbox"/> Small Entity                          |
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